



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/381,334	11/18/1999	KARI VIRTANEN	PM264014	3837
909	7590	03/22/2004	EXAMINER	
PILLSBURY WINTHROP, LLP			IQBAL, KHAWAR	
P.O. BOX 10500			ART UNIT	PAPER NUMBER
MCLEAN, VA 22102			2686	
DATE MAILED: 03/22/2004				

23

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	S
	09/381,334	VIRTANEN, KARI	
Examiner Khawar Iqbal	Examiner	Art Unit	
		2686	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on ____.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) ____ is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) Claim(s) ____ is/are allowed.
- 6) Claim(s) 1-13 is/are rejected.
- 7) Claim(s) ____ is/are objected to.
- 8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on ____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. ____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. ____.
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date ____.	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) The invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being unpatentable by Karlsson et al (6222829).

3. Regarding claim 1 Karlsson et al teaches a method of registration in a telecommunications system by a mobile station, which system comprises a home location register for maintaining subscriber data and supports a first network, and a second network, the method comprising: (figs. 1-3):

maintaining the mobile subscriber data in the home location register, and sending, from another network element, a message to the home location register for requesting the mobile subscriber data (col. 3, lines 5-14),

the home location register maintaining a subscriber-specific access parameter which indicates whether the mobile subscriber is entitled to use the first network, the second network or both networks (col. 2, lines 1-17);

in response to said message for requesting the subscriber data, the home location register sending the mobile subscriber data and also said subscriber-specific access parameter (col.3, lines 5-14 and 53-67);

the network element that requested the mobile subscriber data using said subscriber-specific access parameter for restricting the access of the mobile subscriber only to the first network or to the second network (col.3, line 52-col.4 line 21).

Regarding claim 2 Karlsson et al teaches a method of registration in a telecommunications system by a mobile station, which system comprises home location register for maintaining subscriber data and supports a first network, and a second network, (fig. 1-3) the method comprising:

storing mobile subscriber data in the memory of a mobile station (col.3, lines 5-14), mobile subscriber data and a subscriber-specific access parameter indicating whether the mobile subscriber is entitled to use the first network, the second network or both networks (col. 2, lines 1-17); and

the mobile station using said subscriber-specific access parameter to restrict the access of the mobile subscriber only to the first and/or the second network (col.3, line 52-col. 4 line 21).

Regarding claim 3 Karlsson et al teaches the mobile subscriber's access can be restricted only to one network even though a short message service had been defined for the mobile subscriber (col. 2, lines 1-17, col.3, line 52-col. 4 line 21).

Regarding claims 4-6 Karlsson et al teach wherein the network element that requested the mobile subscriber data uses said subscriber-specific access parameter to

prevent location updating in a network which the mobile subscriber is not entitled to use (col. 4, lines 5-40, col. 4, line 56-col. 5, lines 9).

Regarding claims 7, 11 and 13 Karlsson et al teach first network is a circuit-switch and second is packet-switched (col. 2, lines 1-17).

Regarding claims 8-10 and 12 Karlsson et al teaches a data structure which comprises (figs. 1-3)

mobile subscriber data in a telecommunications system which supports a first and a second network (col. 2, lines 1-17, col. 3, lines 5-14);

a subscriber-specific access parameter which indicates whether the mobile subscriber is entitled to use the first network, the second network or both networks (col. 2, lines 1-17, col. 3, line 52-col. 4 line 21).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khawar Iqbal whose telephone number is 703-306-3015.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MARSHA D BANK-HAROLD can be reached on 703-305-4379. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2686

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Marshe D Banks-Harold
MARSHA D. BANKS-HAROLD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

Khawar Iqbal
Khawar Iqbal
Examiner
Art Unit 2686